

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

\* \* \* \* \*

In the Matter of:

THE APPLICATION OF KENTUCKY UTILITIES )  
COMPANY FOR AUTHORIZATION TO ELIMINATE )  
TESTING OF SINGLE PHASE METERS AT 100% ) CASE NO. 9493  
TEST CURRENT AT 0.5 POWER FACTOR )

O R D E R

Kentucky Utilities Company ("KU"), filed its application on January 13, 1986, requesting authorization to eliminate the testing of single phase meters at 50 percent power factor as required by regulation 807 KAR 5:041, Section 17(1). The application for a deviation from regulations is in accordance with regulation 807 KAR 5:041, Section 22. KU estimates that of the total time required to test single phase meters, 20 to 25 percent of the time is required to make the 50 percent power factor test and therefore the elimination of this test would result in a labor saving of approximately 80 hours per month. KU further states that most single phase meters currently being manufactured do not have an adjustment mechanism for power factor correction.

The Commission, having considered the evidence of record and being advised, is of the opinion and finds that:

1. The majority of single phase meters in use by KU are used for metering residential loads and the power factor of these loads is nearly always above 90 percent; therefore a meter out of

tolerance at 50 percent power factor would not introduce an appreciable error into the kilowatt hours registered on the meter.

2. The Commission's rules and regulations do not require the use of test information at 50 percent power factor in the adjustment of a customer's bill.

3. Many meters of recent design, which are in use by KU, do not have an adjustment mechanism for 50 percent power factor errors.

4. The deviation requested by KU will reduce the cost to its customers in matters relating to meter testing without reducing the quality of service and therefore the request should be granted.

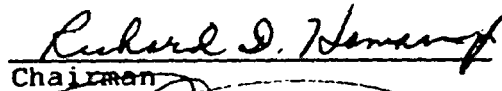
IT IS THEREFORE ORDERED that the deviation from the requirements for testing single phase watt-hour meters at 50 percent power factor as requested by KU in its application received January 13, 1986, be and it hereby is granted.

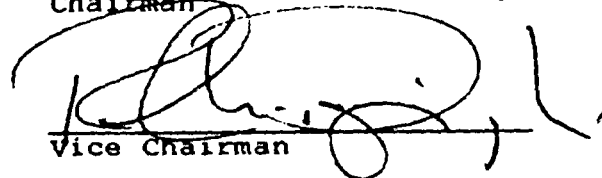
IT IS FURTHER ORDERED that KU continue to test new single phase watt-hour meters at 50 percent power factor as required by Commission regulations.

IT IS FURTHER ORDERED that KU shall file a new tariff incorporating this deviation within 20 days from the date this Order is received.

Done at Frankfort, Kentucky, this 14th day of March, 1986.

PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

  
Commissioner

ATTEST:

\_\_\_\_\_  
Secretary